

## **CLAIMS**

Please amend the claims as follows:

### **Listing of Claims**

1. (Previously Amended) A method of transferring a file to or from a server past a firewall, comprising the steps of:  
  
    accessing a web site behind the firewall, the web site having a web page including an applet, and the web site associated with the server;  
  
    receiving the web page and the applet from the web site;  
  
    sending the applet to an application at a file transfer gateway; and  
  
    transferring the file between the file transfer gateway and the server through the firewall;  
  
    wherein the file is pushed from the server through the firewall to the file transfer gateway.
2. (Original) A method as in claim 1, wherein the web site is at a collaboration manager separate from the server.
3. (Original) A method as in claim 1, wherein the applet is signed responsive to authorization of a user accessing the web site.

4. (Original) A method as in claim 1, wherein accessing the web site and receiving the web page and the applet are performed using a web browser.
5. (Original) A method as in claim 4, wherein the web browser and the file transfer gateway are implemented on a client.
6. (Original) A method as in claim 1, wherein the application at the file transfer gateway is a file transfer service implemented on a client or edgebox.
7. (Original) A method as in claim 6, wherein transferring the file between the file transfer gateway and the server is performed over a virtual channel between the file transfer service at the file transfer gateway and a file transfer adapter at the server.
8. (Original) A method as in claim 1, wherein the file is transferred in chunks.
9. (Previously presented) A method as in claim 8, wherein the chunks are transferred using a basic hypertext transport mechanism.
10. (Original) A method as in claim 1, further comprising the step of encrypting, decrypting, or performing some other operation on the file before or after transferring the file.

11. (Previously Amended) A method of transferring a file to or from a server past a firewall, comprising the steps of:
  - authenticating access by a requestor to a web site behind the firewall, the web site having a web page including an applet, and the web site associated with the server;
  - sending the web page and the applet to the requestor;
  - receiving a request from the requestor to transfer the file to or from the requestor; and
  - transferring the file between the file transfer gateway and the server through the firewall;wherein the file is pushed from the server through the firewall to the file transfer gateway.
12. (Original) A method as in claim 11, wherein the requestor is a browser or edgebox.
13. (Original) A method as in claim 11, wherein the applet is signed responsive to authorization of the requestor.
14. (Original) A method as in claim 11, wherein the web site is at a collaboration manager separate from the server.

15. (Original) A method as in claim 11, wherein transferring the file between the file transfer gateway and the server is performed over a virtual channel between a file transfer service at the file transfer gateway and a file transfer adapter at the server.
16. (Original) A method as in claim 11, wherein the file is transferred in chunks.
17. (Original) A method as in claim 16, wherein the chunks are transferred using a basic hypertext transport mechanism.
18. (Original) A method as in claim 11, further comprising the step of encrypting, decrypting, or performing some other operation on the file before or after transferring the file.
19. (Previously Amended) A method of downloading a file from a server past a firewall, comprising the steps of:
  - registering with the server behind the firewall;
  - polling the server for files to be downloaded; and
  - downloading the file from the server through the firewall over a virtual channel;
  - wherein the file is transferred in chunks using a basic hypertext transport mechanism;
  - and
  - wherein the file is pushed from the server through the firewall.

20. (Original) A method as in claim 19, further comprising the step of encrypting, decrypting, or performing some other operation on the file before or after transferring the file.
21. (Previously Amended) A method of downloading a file from a server past a firewall, comprising the steps of:
  - receiving a registration at the server behind the firewall;
  - receiving polling of the server for files to be downloaded; and
  - downloading the file from the server through the firewall over a virtual channel;
  - wherein the file is transferred in chunks using a basic hypertext transport mechanism;
  - wherein the file is pushed from the server through the firewall.
22. (Original) A method as in claim 21, further comprising the step of encrypting, decrypting, or performing some other operation on the file before or after transferring the file.